

GCCECAGAAAGGGCAGACCCGACGCGCGCTCCATCCCTTGGCCCTCCAGTGCCTGCTTTGC 60
 TCCGCACCATGAACCACTTCTCAAGCCTTCATACCGCTGCCAGTGGAGGACAGCCCC 120
 M N H T S Q A F I T A A S G G Q P P
 CAACTACGAAGAATCAAGGAAGAATAATGAGGIGGCTGAGATGGGGGCACCGCACGGAT 180
 N Y E R T K E E Y E V A E M G A P H G S
 CGGCTTCTGTCAGAACTACTGTGATCAACATGCCCGAGAGAGGTGTGGGTGCGCTGACCATG 240
 A S V R T T V I N M P R E V S V P D H V
 TGGTCTGGCTCCCTGTTCATACTCTTCATGAACCTCTGCTGCGCTGGGCTTCATAGCCT 300
 V W S L F N T L F M N F C C L G F I A Y
 TM I
 ATGCCCTACTCCGIGAAGTCTAGGGATCGGAAGATGGTGGGGTGAATGAGACGGAGCCAGG 360
 A Y S V K S R D R K M V G D V T G A Q A
 CCTAAGCCTCCACTGCTAAGTGCCTCAACATCAGCACCTTGGTCCCTCAGCATCCTGATCG 420
 Y A S T A K C L N I S T L V L S I L M V
 TM II
 TTGTTATCACCATTGTTAGTGTATCATCATTTGTTCTTAAGCCTCAAAACCTTCACACTT 480
 V I T I V S V I I I V L N A Q N L H T *
 AATAGAGGATTCCGACTTCCGGTCCCTGAAGTGCCTTCACCCCTCCGCAGCTGGGTCCCTCCT 540
 TGCCTCTCCCTACAGCAGGTGTAACTCATTTATCTATCCACAGTGGATTCAATAAAG 600
 TGCACITGATAAGCAAC

FIGURE 1

GGATCAGACCTGACCTGCTATTGGGCTTGGTTTAGGCTTTTCATACCTAAGCANT 60
 CTGTGTCGAGCTAGCTTTGAGGCTTCGGGCTATGGCATGGCATGGGCTAGGAGAACATCAG 120
 M R E P S E
 AGAAGTCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCT 180
 K V D P M K D P B T P Q K K D E E D A L
 TGGATGTTGACAGCTGCTGACAGCTGACCTGACCTGACCTGACCTGACCTGACCTGACCT 240
 D D T D V L Q P P T L V K V M K K L L L
 TAAAGCTGCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCT 300
 N P G V K R S A R R R S L R H R I A A V
 TACCTGCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCT 360
 P V E N K S E K I R R E V Q S A P P K R
 GAGGCTGCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCT 420
 R V R T L L S V L K D P I A K N R R L V
 TTGGCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCT 480
 R I E Q R O K R L E G N E F E R D S E P
 CATTGCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCT 540
 F R C L C T F C H Y Q R W D P S E N A K
 AATGCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCT 600
 I G K N *
 AGCAGCTGCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCT 660
 AACTGCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCT 720
 AAGGCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCT 780
 TAGCTGCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCT

Helix I

Helix II

FIGURE 2

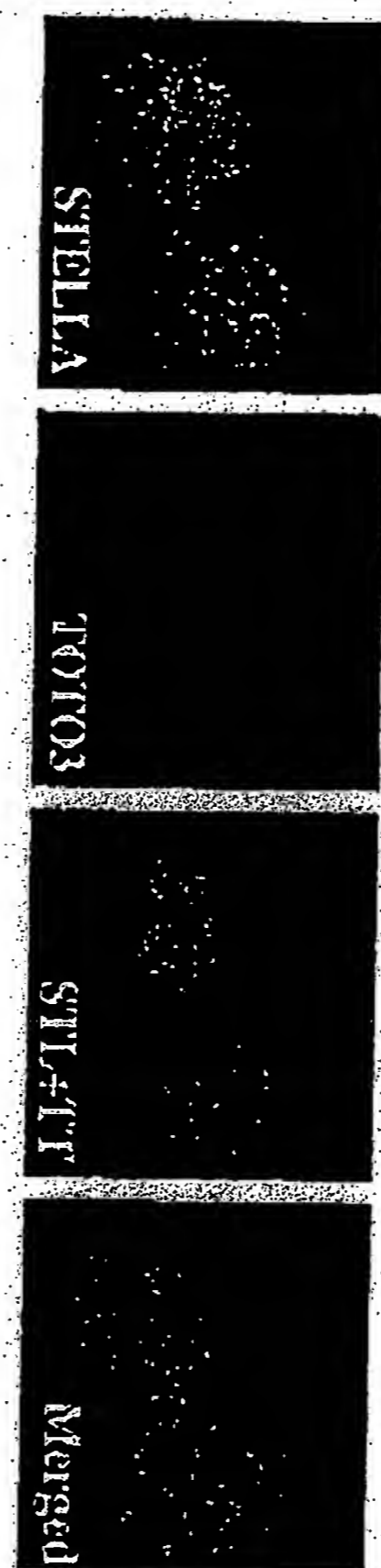


Figure 3

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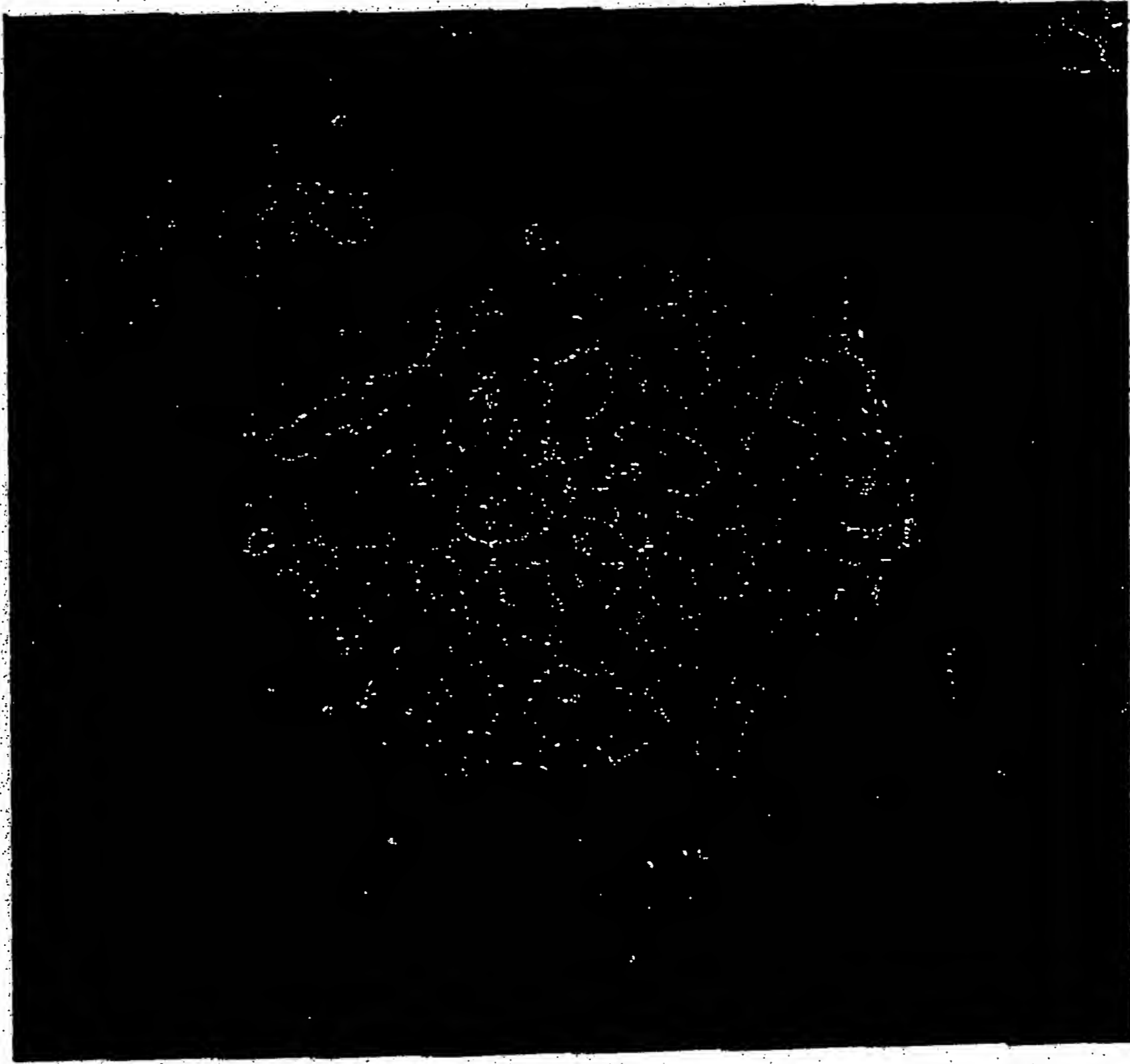


Figure 4



Figure 5

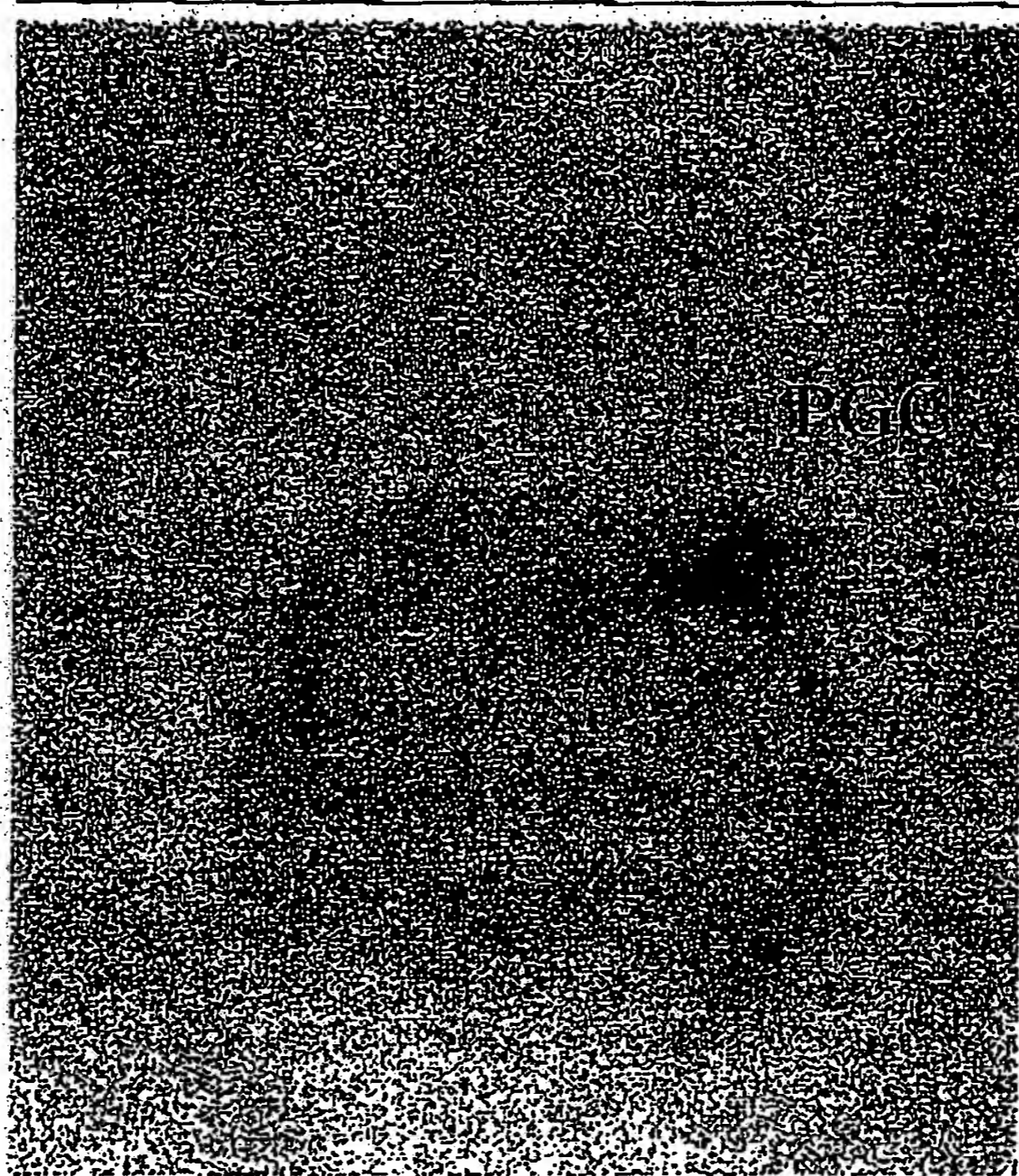


Figure 6



FIGURE 7

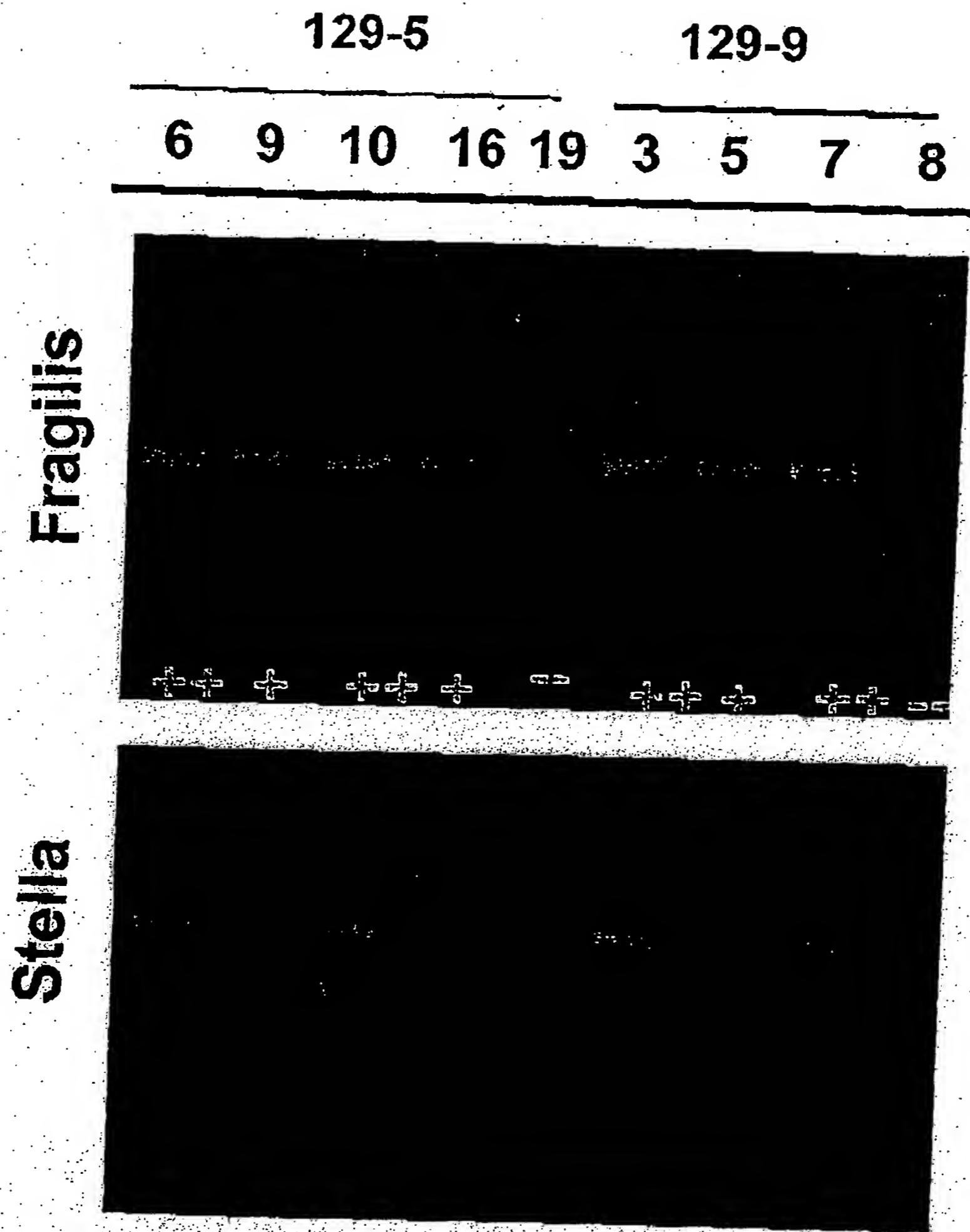


Figure 8A

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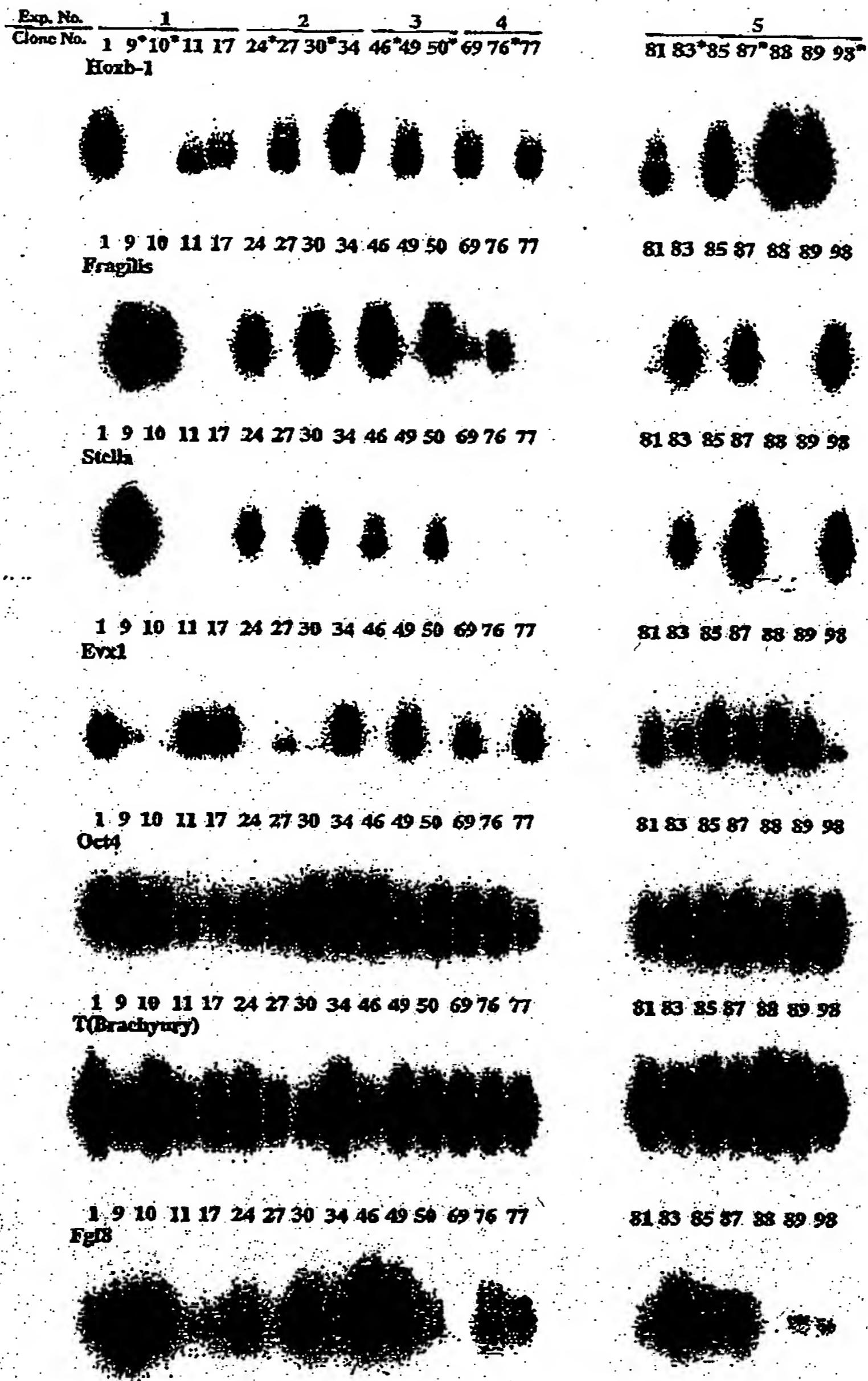
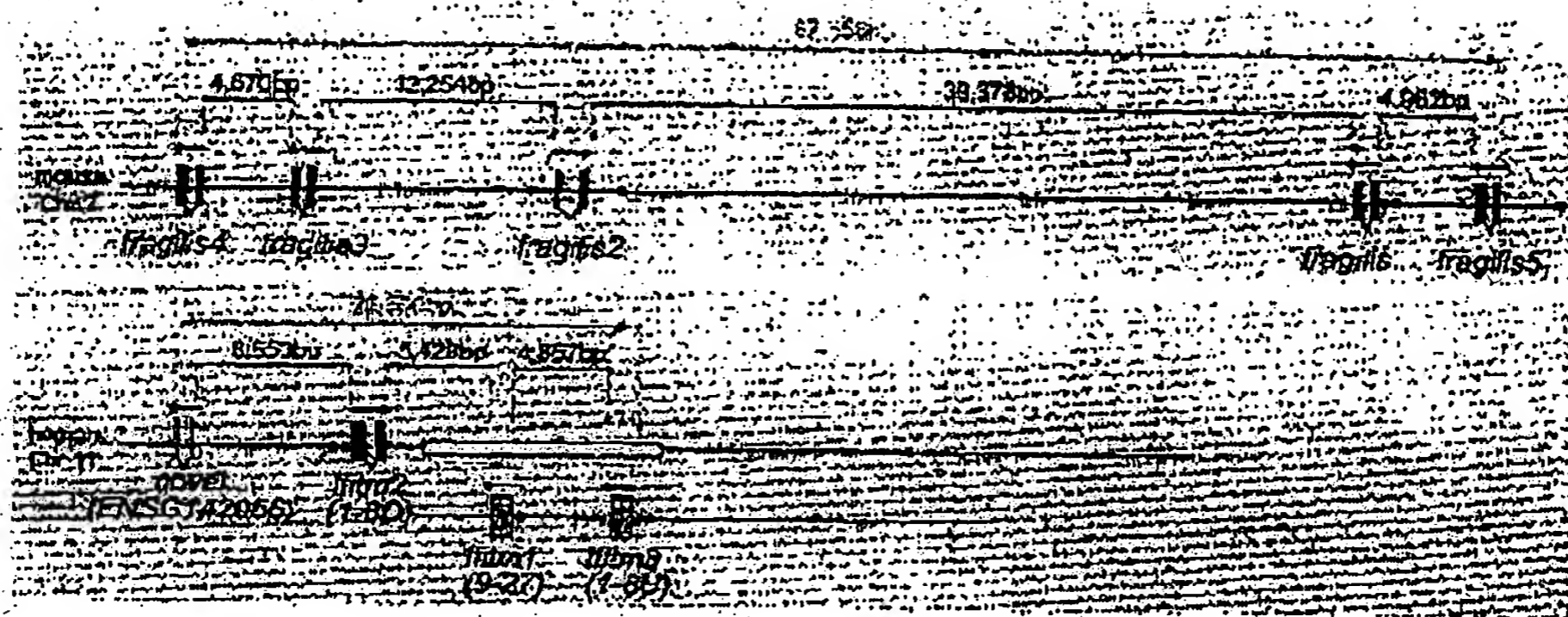


Figure 8B

FIGURE 9

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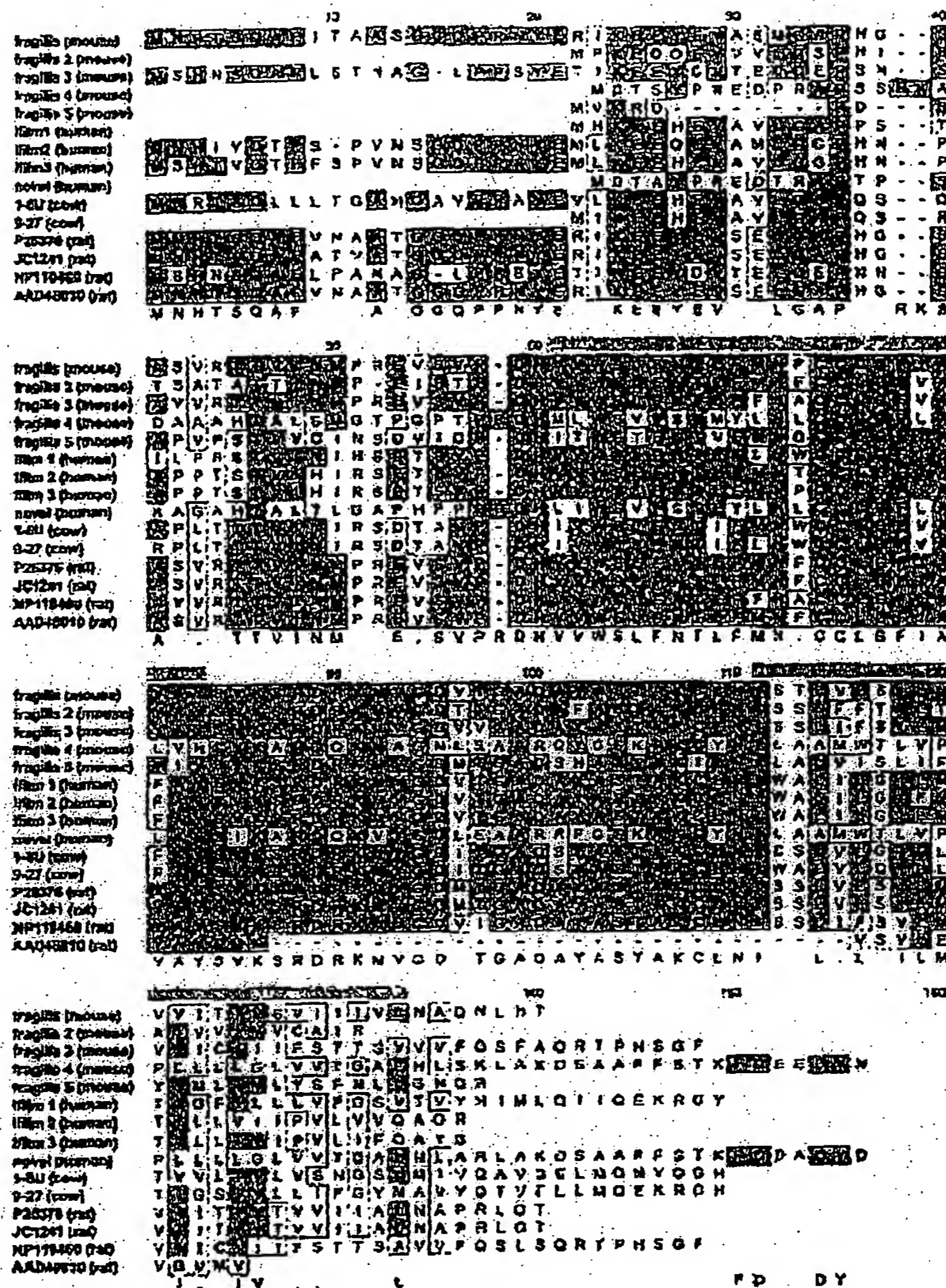


FIGURE 10

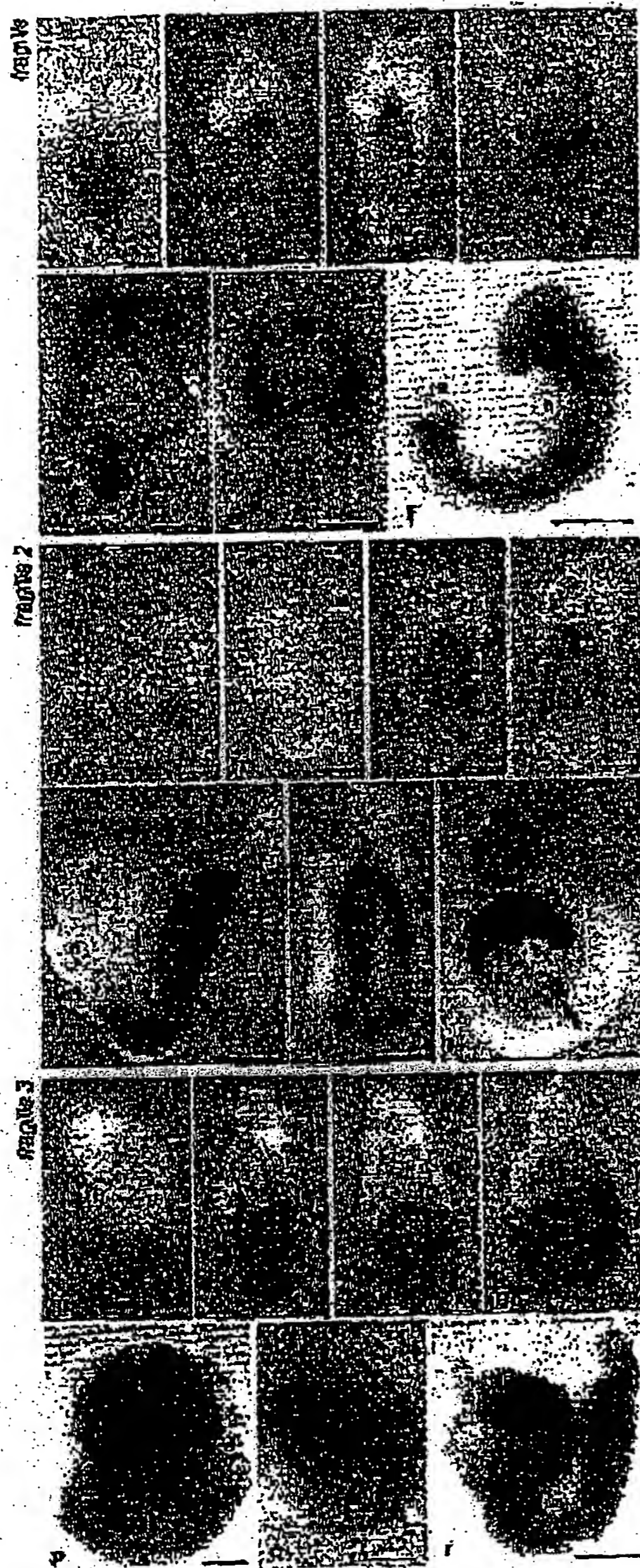


FIGURE 11

FIGURE 12

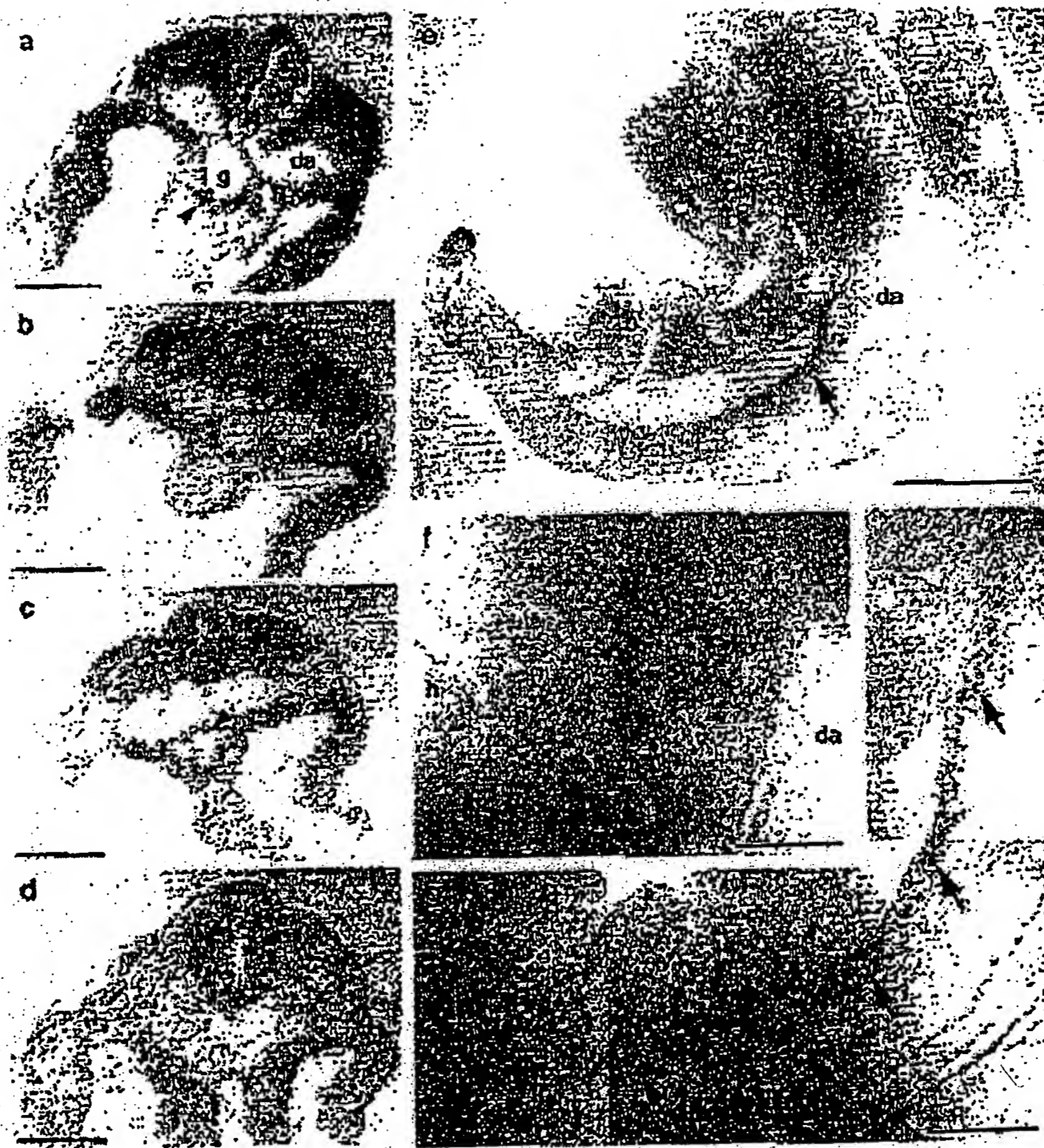


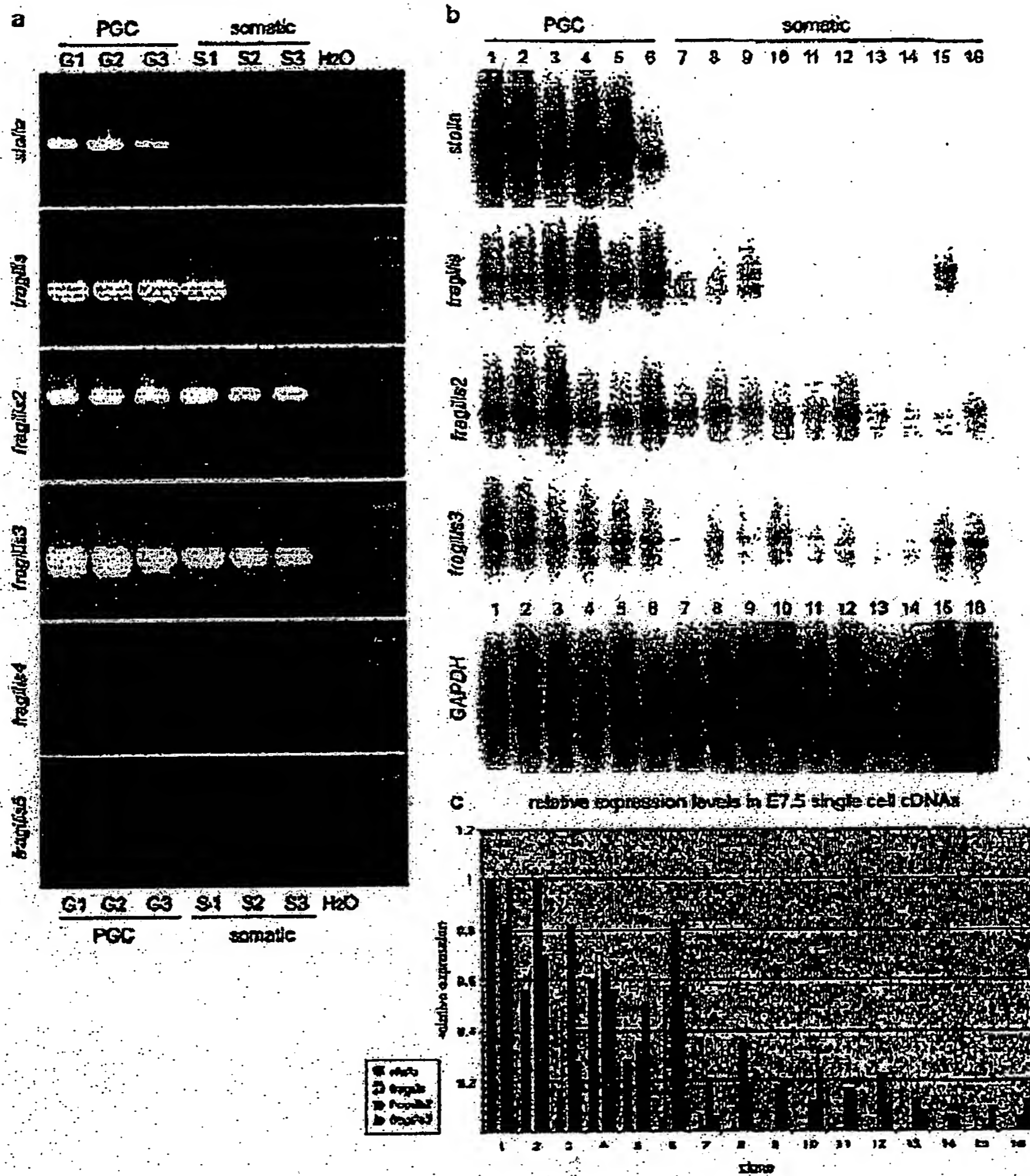
FIGURE 13

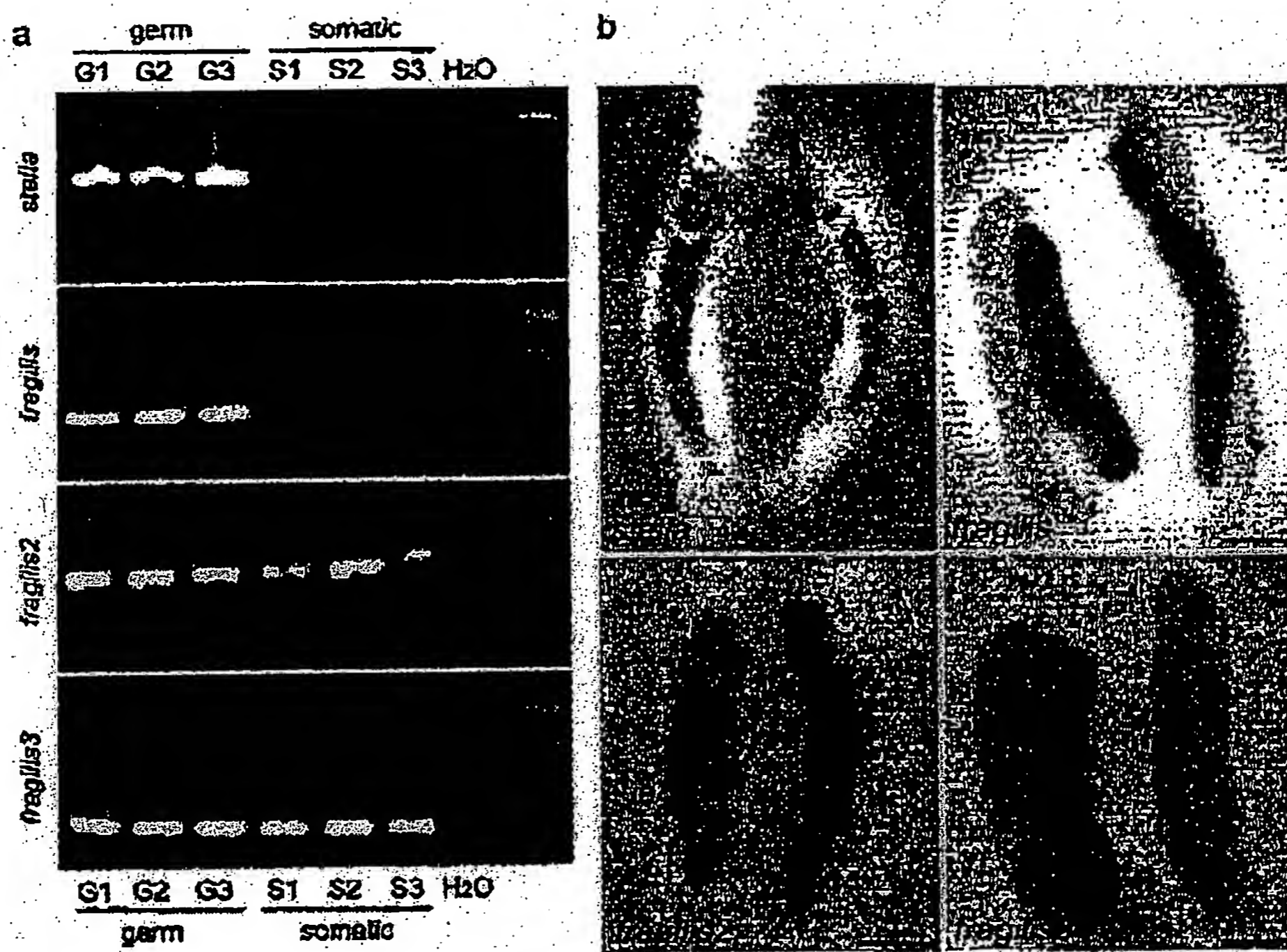
FIGURE 14

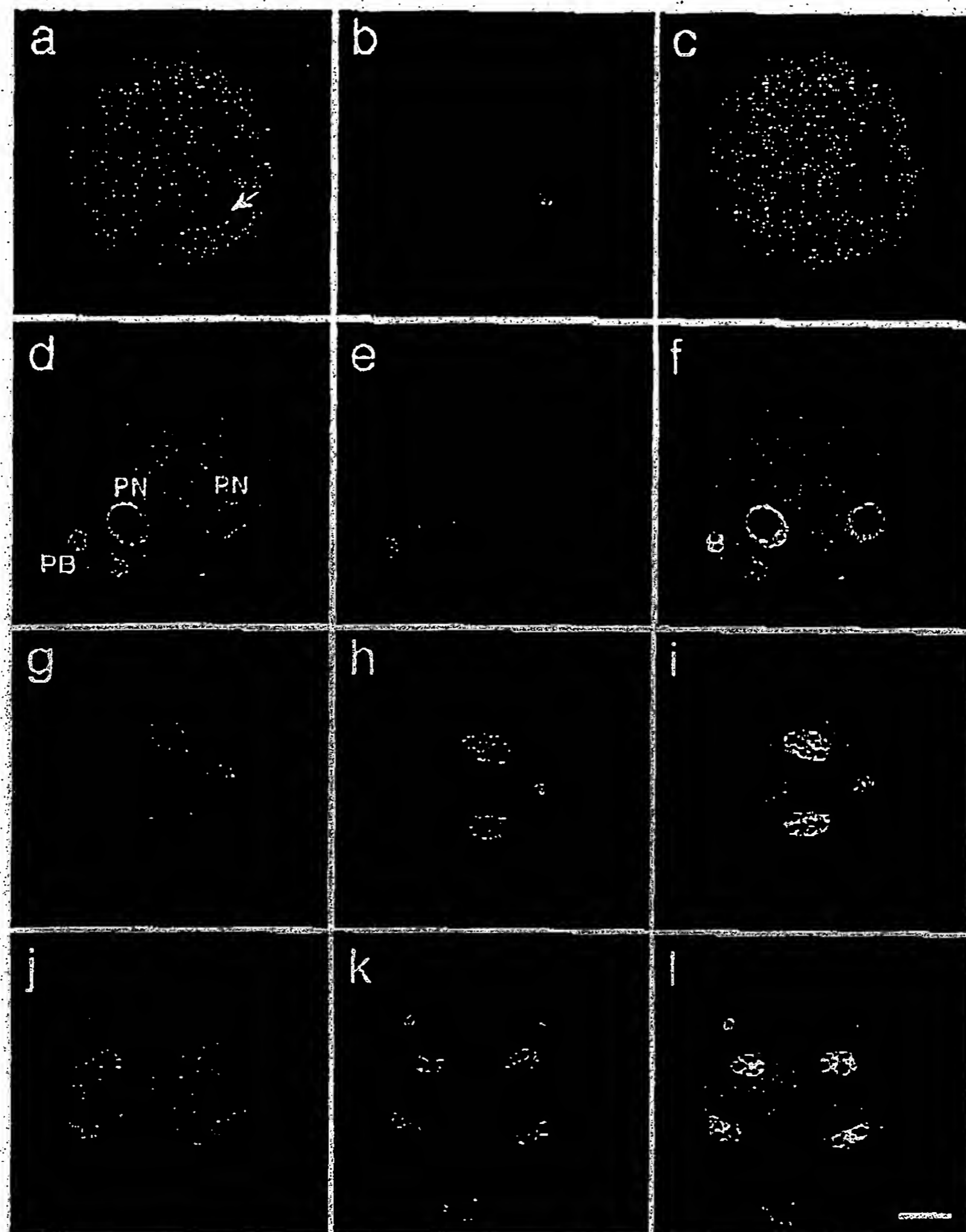
FIGURE 15

FIGURE 15 continued

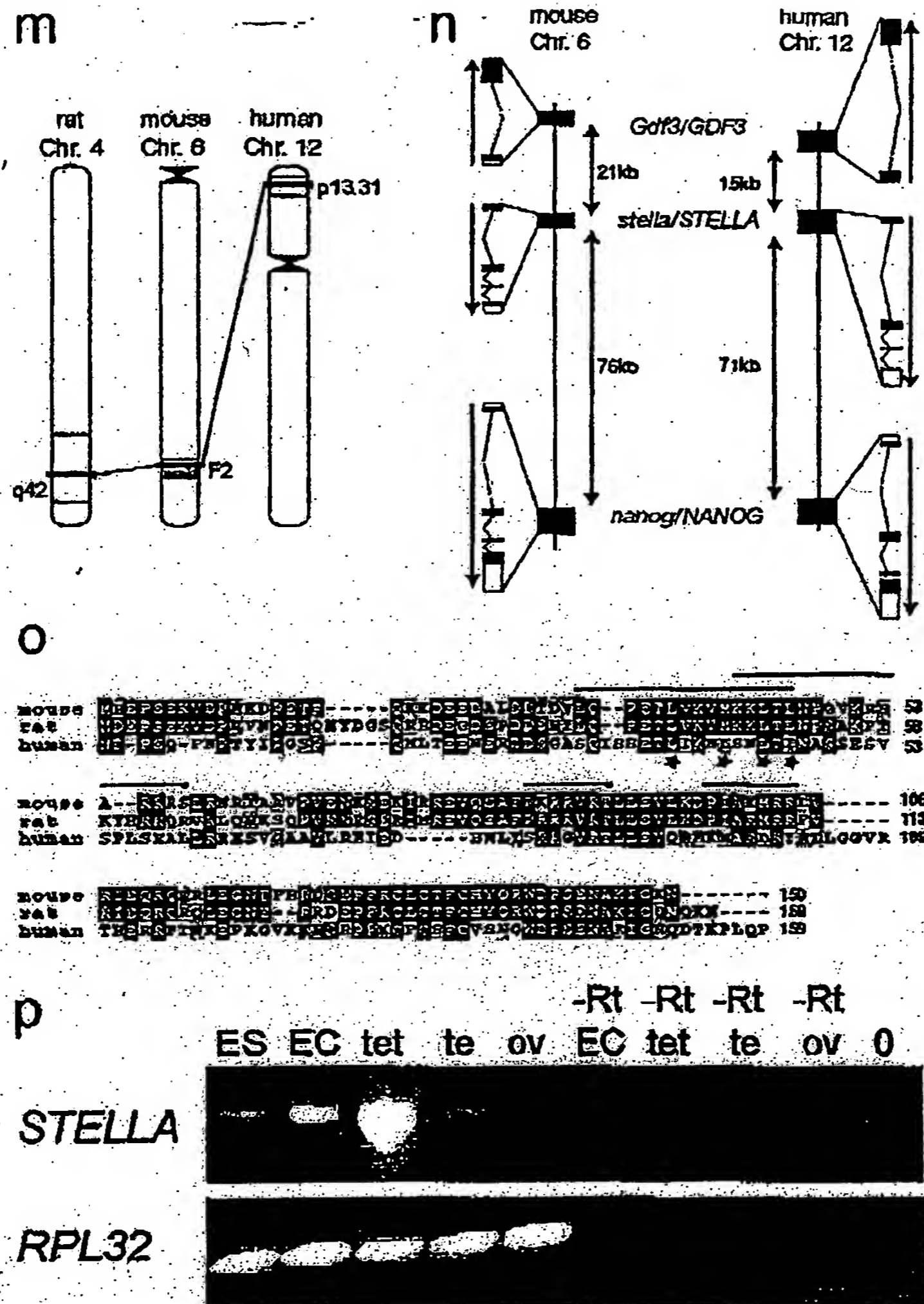
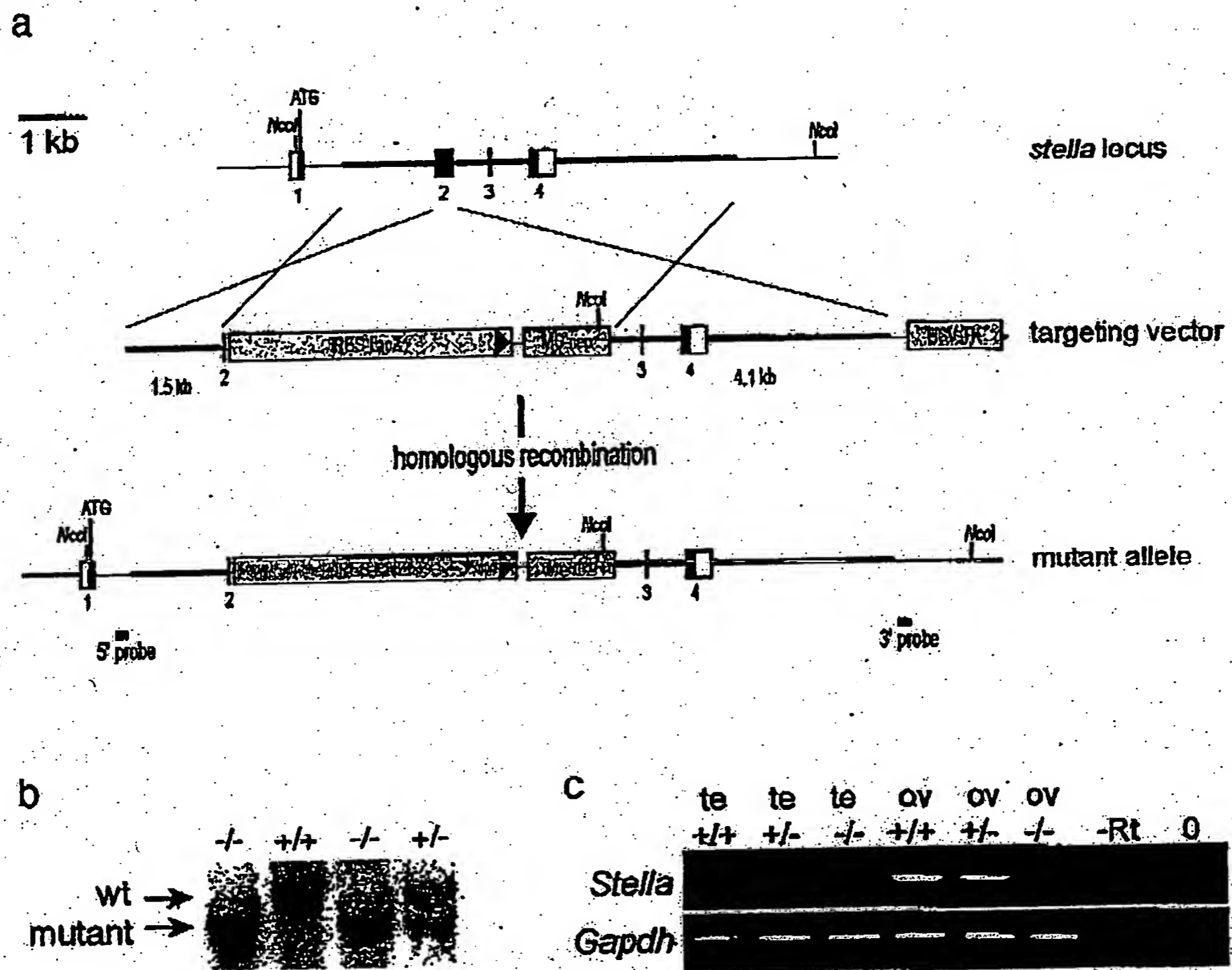


FIGURE 16.

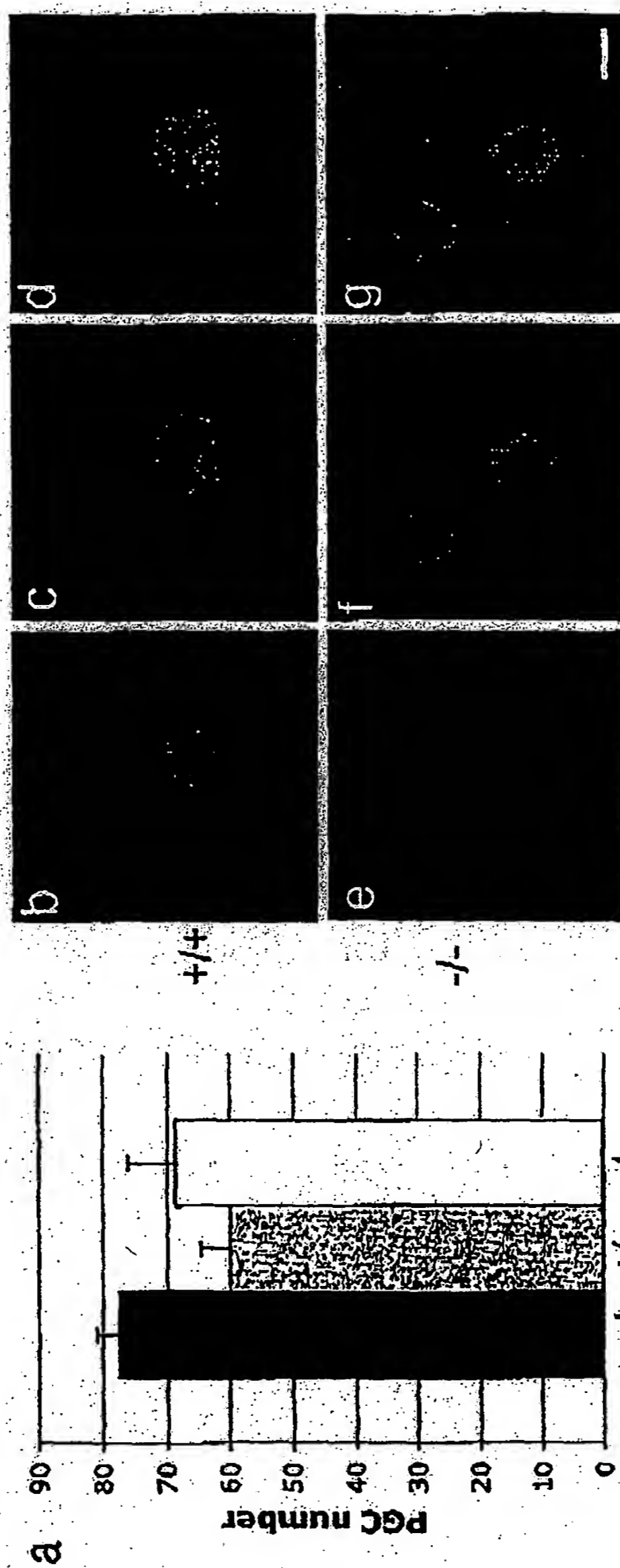


FIGURE 17

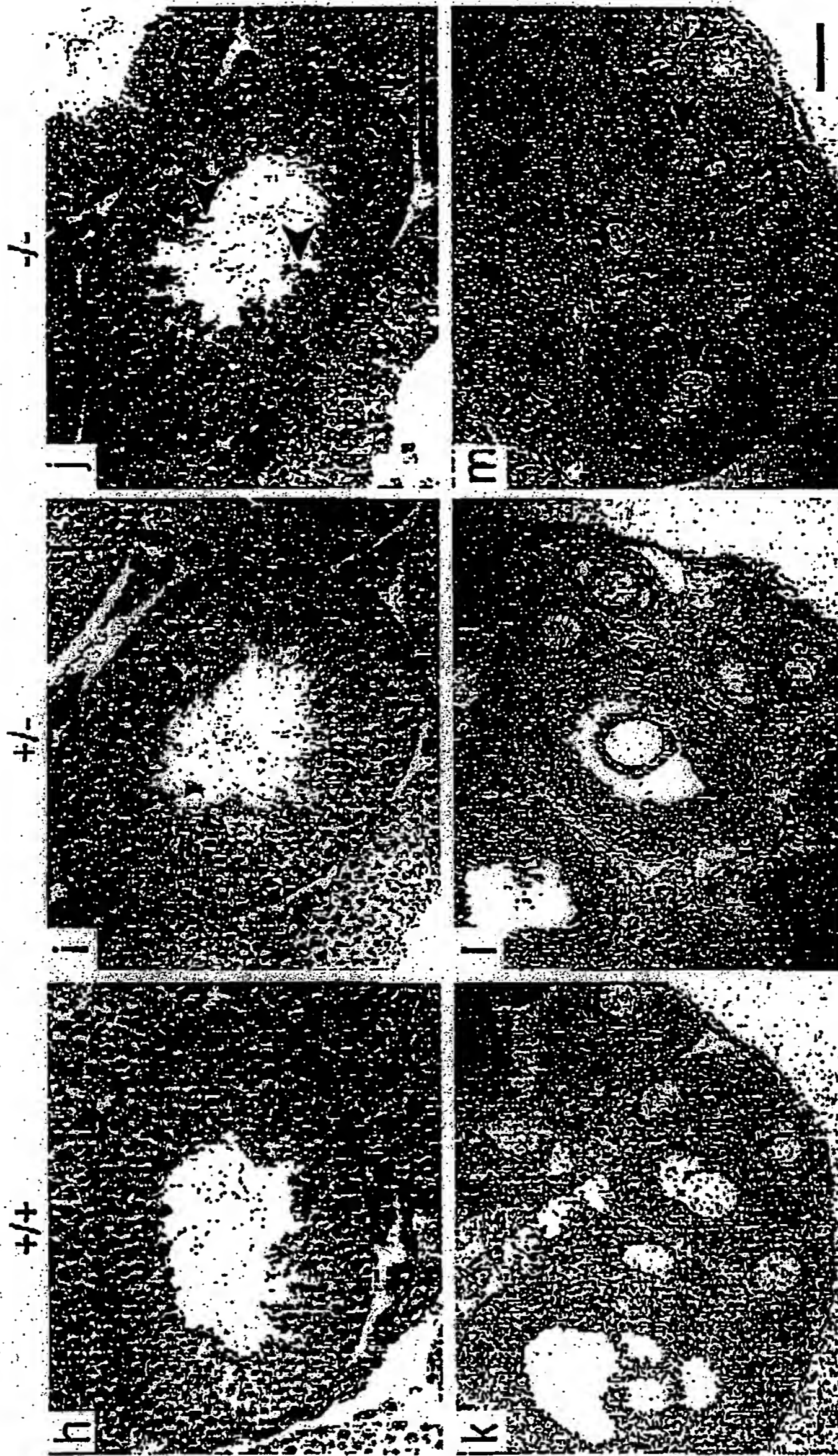
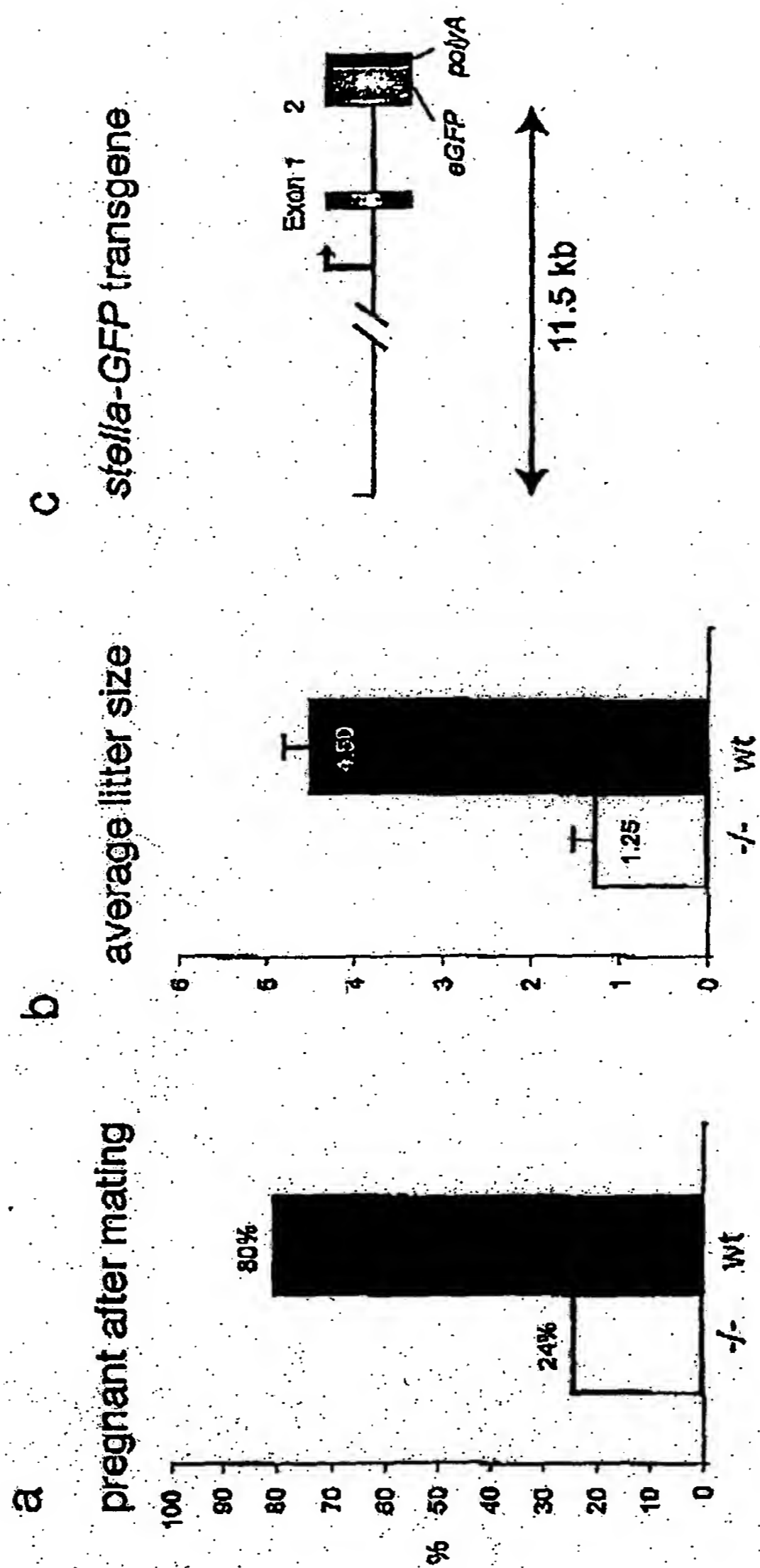


FIGURE 17 continued

**FIGURE 18**

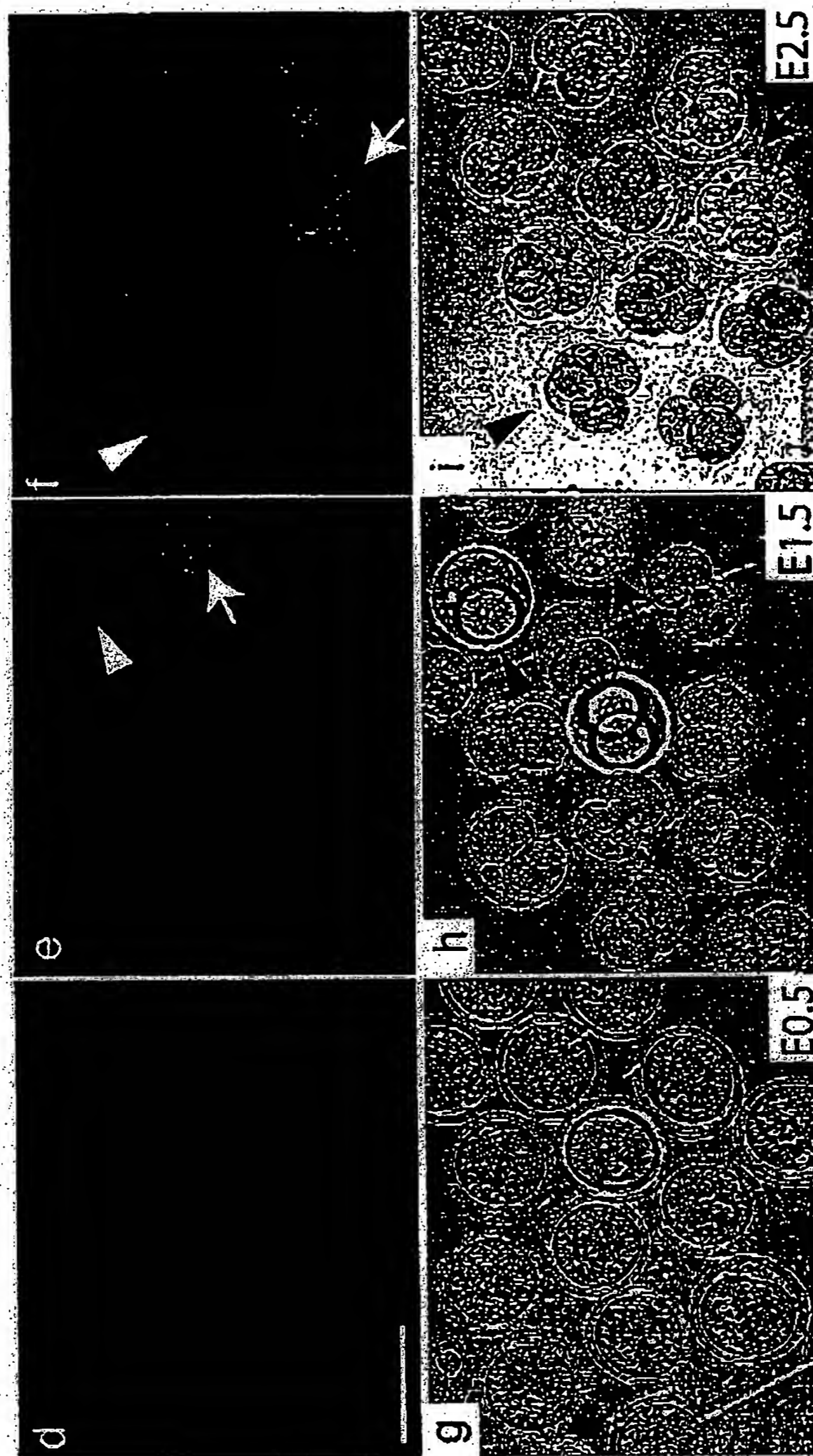


FIGURE 18 continued

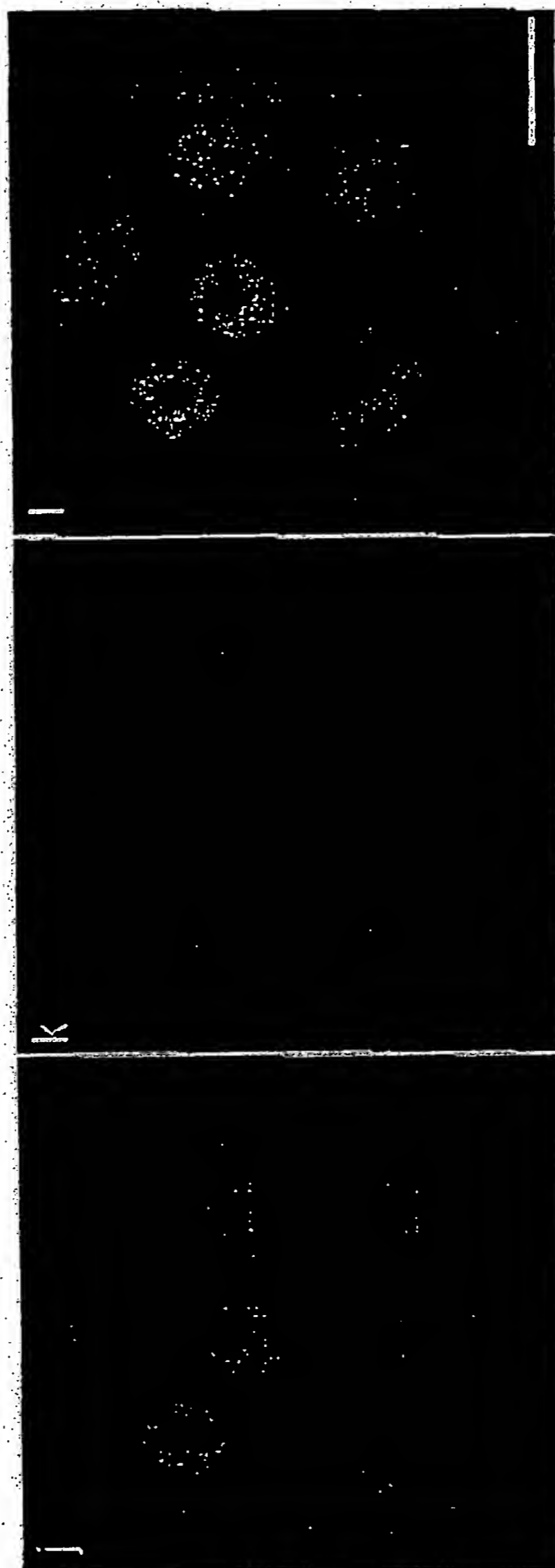


FIGURE 18 continued

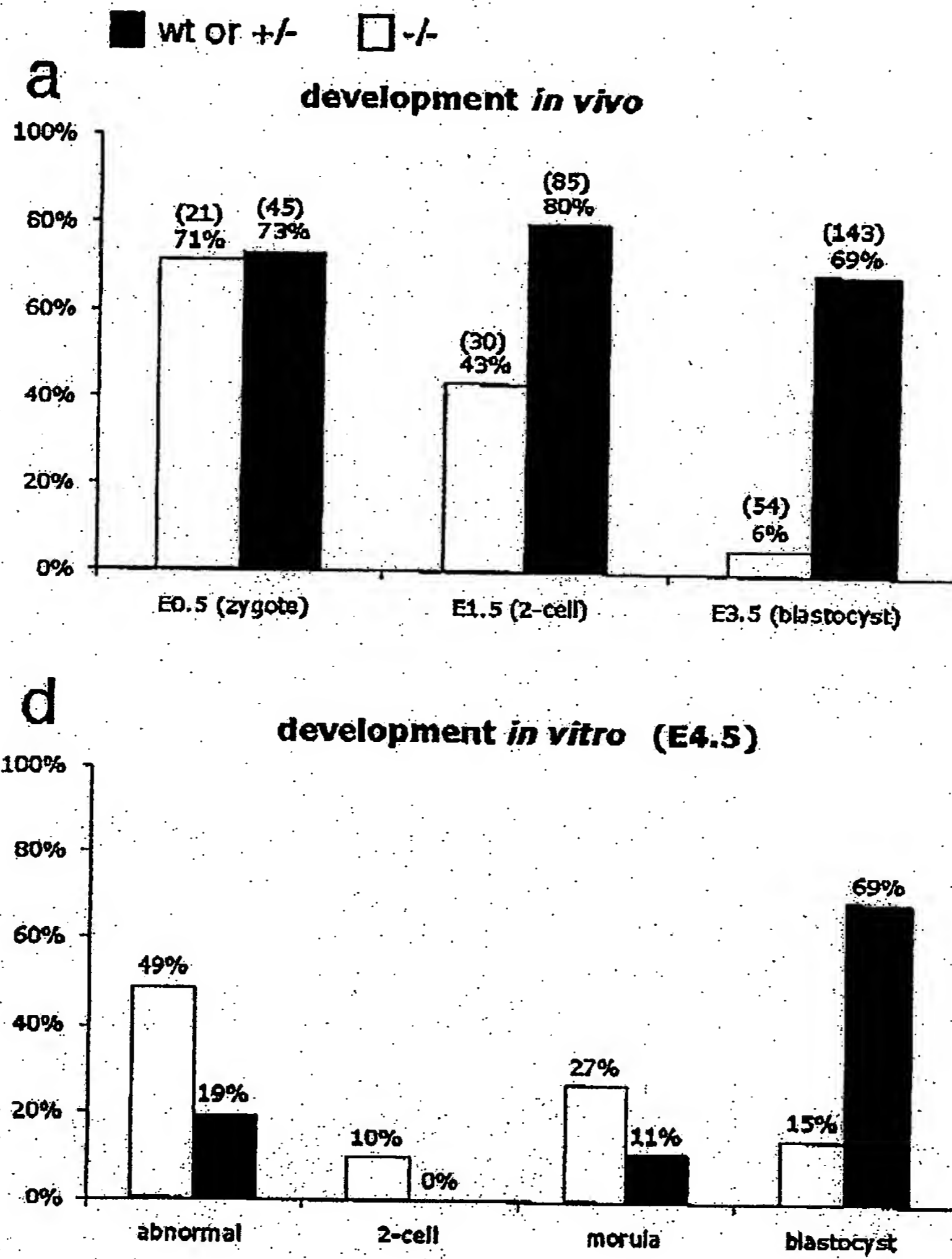
FIGURE 19

FIGURE 19 continued

